

Title (en)
COMMUNICATION METHOD AND APPARATUS

Title (de)
KOMMUNIKATIONSVERFAHREN UND -VORRICHTUNG

Title (fr)
PROCÉDÉ ET APPAREIL DE COMMUNICATION

Publication
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Application
EP 20948760 A 20200807

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Abstract (en)
A communication method and apparatus are provided, and are applied to a 5G communication system, a 5.5G communication system, a 6G communication system, and a system integrating a plurality of communication systems. The communication system includes a network device and a terminal device, and power consumption of the terminal device is reduced from a perspective of communication between the network device and the terminal device. In embodiments of this application, the terminal device determines a first frequency domain resource, behavior of the terminal device on the first frequency domain resource is restricted, and the terminal device performs a first-type operation on the first frequency domain resource, where the first-type operation may be a necessary operation that needs to be performed by the terminal device to maintain a connection to the network device during downlink data transmission. The first-type operation includes at least one of radio resource management RRM measurement, radio link measurement, and receiving first information. In this application, the behavior of the terminal device on the first frequency domain resource is restricted, so that a radio resource control RRC connection can be maintained, and a data transmission process can be simplified. In this way, the power consumption of the terminal device is reduced from the perspective of communication.

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